POSSED (p.4.6)
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### POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

l hereby re 37 CFR 3	evoke all previous powers of attorne .73(b).	y given in the appl	ication identified in	the attached sta	tement under
I hereby a	ppoint:				· ·
Predi	tioners associated with the Customer Number	or: 75 <b>671</b>			
OR					
Practi	tioner(s) named below (if more than ten pate	nt practitioners are to b	e named, then a custo	mer number must be	used):
	Name	Registration Number	Ne	ime	Registration Number
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<u> </u>		100			
anv and all i	s) or agent(s) to represent the undersigned b satent applications assigned <u>only</u> to the unde this form in accordance with 37 CFR 3.73(b).	rsigned according to th	Patent and Trademar e USPTO assignment	k Office (USPTQ) in o records or assignmen	onnection with at documents
Please char	ge the correspondence address for the appli	cation identified in the	attached statement un	der 37 CFR 3.73(b) to	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
✓ ¬	ne address associated with Customer Numbe	75671		1	
OR "	le address associated with Customer Number				
Firm				4	
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City		State		Zip	
Country					
Telephone			Email		
7 Diophoric			144		
Assigned N	ame and Address:				
r too igi roo r	Sicronic Remote I	KG, LLC			
	1209 Orange Street				
	Wilmington DE 19801				
	United States of Ameri				
filed in on	this form, together with a statement ich application in which this form is u	sed. The statemen	t under 37 CFR 3.7	3(b) may be comp	leted by one of
the practi	tioners appointed in this form if the a identify the application in which this	ppointed practition	er is authorized to	act on behalf of the	ne assignee,
arro must					
	The individual whose signature and	NATURE of Assignee title is supplied below	s authorized to act on		
Signature	1 Les Verm			Date / - // -	2008
Name	Jeff Kern			Telephone	
T:0-	Authorized Devene of Cigronia Demote	VO IIIC			

INVESTIGATION OF STREAM OF

Approved for use through 09/00/2007. ON 08/05-10031
U.S. Patent and Trademark Office; U.S. DePartMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)							
Applicant/Patent Owner: Sicronic Remote KG, LLC							
Application No./Patent No.: 10/684,076 Filed/Issue Date: October 10, 2003							
Entitled: SENSE AMPLIFIER WITH FEEDBACK-CONTROLLED BITLINE ACCESS							
Sicronic Remote KG, LLC LLC							
(Name of Assignee) (Type of Assignee, e.g., corporation	n, partnership, university, government agency, etc.)						
states that it is:  1.   the assignee of the entire right, title, and interest; or							
an assignee of less than the entire right, title and interest     (The extent (by percentage) of its ownership interest is%)							
in the patent application/patent identified above by virtue of either:							
A A assignment from the inventor(s) of the patent application/patent identified a in the United States Patent and Trademark Office at Reel, Franthereof is attached.	above. The assignment was recorded ne, or for which a copy						
B. A chain of title from the inventor(s), of the patent application/patent identified a	above, to the current assignee as follows:						
From: Vivek Nautival et al.     To: STMicroelectronics     The document was recorded in the United States Patent and Trademar Reel 015059 , Frame 0248 , or for which a copy	k Office at						
2. From: STMicroelectronics Pvt. Ltd. To: STMicroelectronics	s NV						
The document was recorded in the United States Patent and Trademat Reel, Frame, or for which a cop	rk Office at						
From: STMicroelectronics NV To: Sicronic Remote K	KG, LLC						
The document was recorded in the United States Patent and Trademan Reel, or for which a co	ppy thereof is attached.						
Additional documents in the chain of title are listed on a supplemental sheet	et.						
As required by 37 CFR 3.73(b)(1)(f), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO, Sea MPEP 302.08)							
The undersigned (whose title is supplied below), is authorized to act on behalf of the assignee.							
Aus Nopral	Jan. 17, 2008						
Signature	Date						
David A. Morasch	509-755-7262						
Printed or Typed Name	Telephone Number						
Attorney of Record, Reg. No. 42905							
Title							

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain of relain a benefit by the public which is to fill (and by the USFYO) to process) an application. Confidentially is powered by 53 U.S.C. 122 and 37 CFR 1.17 and 1.1.4. The Confidential Confid



#### PATENT ASSIGNMENT

WHEREAS, STMicroelectronics PVT. Ltd. (formerly known as STMicroelectronics Ltd.), a corporation organized under the laws of India, having a place of business at Institutional Area, Plot no. 1, Knowledge park III, Greater Noida-201 308, Uttar Pradesh, INDIA (hereinafter referred to as "Assignor") has rights in and to the followine:

#### LISTED IN EXHIBIT A

(said patents, patent applications and invention disclosures listed in Exhibit A being hereinafter referred to as "SAID PATENT RIGHTS"); and

WHEREAS, Assignor is a wholly owned subsidiary of STMicroelectronics NV, a Dutch corporation organized under the laws of The Notherlands, acting through its Swiss branch, having an office at 39 Chemin du Champdes-Filles, 1228 Plan-les-Ouates, Geneva, Switzerland (hereinafter referred to as "Assignee");

WHEREAS, Assignee requested Assignor to develop certain FPGA technology ("FPGA Technology") for Assignee;

WHEREAS, Assignce sponsored, paid for and is the equitable and beneficial owner of all resulting intellectual property resulting from such FPGA Technology development, including SAID PATENT RIGHTS and related rights;

WHEREAS, Assignee and Assignor recognize that Assignee already owns all equitable and beneficial ownership in SAID PATENT RIGHTS and related rights;

WHEREAS, Assignor now desires to transfer the legal title in and to SAID PATENT RIGHTS to Assignee and confirm all ownership in Assignee to SAID PATENT RIGHTS and related rights that may have unintentionally remained in Assignor, and

WHEREAS Assignee desires to perfect registration in Assignee's name all the above mentioned rights, title and interest in and to SAID PATENT RIGHTS and related rights.



NOW, THEREFORE, for and in consideration of good and valuable consideration the receipt, sufficiency and adequacy of which are hereby acknowledged, Assignor does hereby transfer and assign to Assignce, its successors and assigns legal title, and any and all rights it may own (beyond said legal title, if any) in and to SAID PATENT RIGHTS unto Assignee, its successors and assigns, together with any and all continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing (to the extent not already owned by Assignee), together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current and future infringement thereof, together with all rights in inventions described in any of SAID PATENT RIGHTS; said entire right, title and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors and assigns to the full end of the term for which SAID PATENT RIGHTS, including any and all continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

Rights conferred by this document will inure to the benefit of any successor or assign of Assignee.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer on this 12th\_day of November \_\_\_\_\_\_\_, 2007.

. Alur luhi

Printed Name: RENDIO SILVIO SIRIOR.

Title: BORRO MEMBER

# Exhibit A

Country	Grant Number	Grant Date	Filing Date	Fiting Number	Publication Date	Publication Numbe
IN			09/FEB/2001	139DEL2001	X	
US	6646465	11/NOV/2003	07/FEB/2002	(10072481X)	22/AUG/2002	20020113618
IN			14/MAY/2001	570DEL2001	ŋ	
US	6624771	23/SEP/2003	14/MAY/2002	10145390	28/NOV/2002	20020175703
EP			07/FEB/2002	02002800.7	21/AUG/2002	1233517
US	6642743	04/NOV/2003	07/FEB/2002	10072458	22/AUG/2002	20020114200
IN			09/FEB/2001	138DEL2001	V	
IN	1		15/JUN/2001	668DEL2001		
US	7038489	02/MAY/2006	14/JUN/2002	10172355	19/DEC/2002	20020194449
EP			17/JUN/2002	02013243.7	√ 02/JAN/2003	1271783
IN US	6748577	08/JUN/2004	29/JUN/2001 28/JUN/2002	729DEL2001 10186314	02/JAN/2003	20030005402
IN	6/403//	U0/3019/2004	10/OCT/2001	1040DEL2001	02/3/4/2003	20030003402
US	6794906	21/SEP/2004	10/OCT/2002	10269166√	15/APR/2004	20040070424
EP	1271782	18/MAY/2005	06/JUN/2002	02012610.6	02/JAN/2003	1271782
us	6788104	07/SEP/2004	28/JUN/2002	10186346 🗸	02/JAN/2003	20030001614
GB	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
DE	1271782	18/MAY/2005	06/JUN/2002	02012610.8	02/JAN/2003	1271782
FR	1271782	18/MAY/2005	08/JUN/2002	02012610.6	02/JAN/2003	1271782
IN			29/JUN/2001	728DEL2001		
EP			13/DEC/2002	02027923.8	18/JUN/2003	1320048
IN			14/DEC/2001	1245DEL2001		
US	7206919	17/Apr/2007	13/DEC/2002	10319436:√	31/Jul/2003	20030145193
EP		***************************************	02/JAN/2003	03000105.1	23/JUL/2003	1330033
IN US	7157936	02/Jan/2007	17/JAN/2002 17/JAN/2003	35DEL2002 10347139 s	11/SEP/2003	20030172363
iN.	1157936	02/38/1/2007	05/APR/2002	431DEL2002	11/SEP/2003	20030172363
us	6679185	12/APR/2005	04/APR/2003	10407801	27/NOV/2003	20030218480
in			05/APR/2002	432DEL2002,		
11%						
US	7154299	26/Dec/2006	04/APR/2003	10407802	20/NOV/2003	20030214321
N)			13/JUN/2002	634DEI,2002		
EP	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
FR	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
GB	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
FF	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
DE	1363132	05/Sep/2007	12/MAY/2003	03010587.8	19/NOV/2003	1363132
US	7167404	23/Jan/2007	13/MAY/2003	10438895	22/JAN/2004	20040015758
1N			13/MAY/2002	550DEL2002		

# Exhibit A

Country	Grant Number	Grant Date	Filing Date	Filing Number	Publication Date	Publication Number
IN			17/JUN/2002	656DEL2002		
US	6888374	03/MAY/2005	17/JUN/2003	10464420 🗸	26/FEB/2004	20040036499
IN			10/JUN/2002	624DEL2002		
US	6864714	08/MAR/2005	10/JUN/2003	10460040√	25/DEC/2003	20030234667
IN			27/JUN/2002	693DEL2002		
US	6873182	29/MAR/2005	27/JUN/2003	10808854 1	15/APR/2004	20040070422
EP			05/SEP/2003	03020154.5	21/APR/2004	1411431
US IN			18/SEP/2003 20/SEP/2002	10667199V 958DEL2002	05/AUG/2004	20040153923
IN			27/SEP/2002	993DEL2002 /		
US	7124392	17/OCT/2006	29/SEP/2003	10675908 🗸	08/JUL/2004	20040133869
EP			16/DEC/2003	03104727.7	23/JUN/2004	1432126
łN			19/DEC/2002	1281DEL2002		
บธ	7030648	18/APR/2006	18/DEC/2003	10739395	16/SEP/2004	20040178821
IN			16/OCT/2002	1039DEL2002		
US	6894541	17/MAY/2005	10/OCT/2003	10684076	08/JUL/2004	20040130353
1N			25/APR/2003	634DEL2003		
US	7078932	18/JUL/20 <b>0</b> 6	23/APR/2004	10830654	17/FEB/2006	20050035762
EΡ			23/APR/2004	04009701.6	03/NOV/2004	1473644
US	7191427	13/Mar/2007	23/APR/2004	10830862 🗸	17/FEB/2005	20060039157
iN			25/APR/2003	632DEL2003		
US			06/Dec/2004	11005247.	04/Aug/2005	20050172070
IN			05/DEC/2003	1519DEL2003		
US	7157935	2-Jan-2007	30/SEP/2004	10954981 🗸	16/JUN/2005	20050127943
EP			30/SEP/2004	04104798.6	06/APR/2005	1521187
IN			01/OCT/2003	1230DEL2003		
iN			01/NOV/2004	1645DEL2003		
us			30/DEC/2004	11027292	11/Aug/2005	20050177808
IN			30/DEC/2003	1645DEL2003		
IN			09/DEC/2004	1639DEL2003		
IN			29/DEC/2003	1639DEL2003		
us			29/DEC/2004	11025785	21/JUL/2005	20050156626
IN			08/SEP/2004	1695DEL2004		
US			05/DEC/2005	11294645	16/Nov/2006	20060255833
IN			06/DEC/2004	2439DEL2004		
US			23/DEC/2005	11318347	11/Jan/2007	20070011539
IN			27/DEC/2004	2572DEL2004		
US IN	7271616	18/Sep/2007	26/JUL/2005 27/JUL/2004	11190508 V 1385DEL2004	02/FEB/2006	20050022700
IN			28/SEP/2004	1862DEL2004/		
us		1	28/Sep/2005	11238123√	06/Apr/2006	20060075012

# Exhibit A

Country	Grant Number	Grant Date	Filing Date	Filing Number	Publication Date	Publication Number
US			31/Oct/2005	11263386	04/May/2006	2006091903
IN			24/OCT/2005	2154DEL2004		
IN			01/NOV/2004	2177DEL2004		
us			01/NOV/2005	11264674	08/Jun/2006	20060119388
US			25/OCT/2005	11258616	29/Jun/2006	20060139055
IN			21/OCT/2005	2111DEL2004		
IN			27/OCT/2004	2111DEL2004		
ŧΝ			27/OCT/2004	2114DEL2004		
US			27/OCT/2005	11261420	27/Apr/2006	20060087342
ĵN:			04/OCT/2005	2114DEL2004		
US	7196942	27/Mar/2007	20/Qct/2006	11254558	08/Jun/2006	20060120141
IN			20/QCT/2004	2053DEL2004		
US			27/DEC/2005	11319015	24/AUG/2006	20060190906
IN			19/DEC/2005	2595DEL2004		
iN			29/DEC/2004	2595DEL2004		

#### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, STMicroelectronics, N.V., a corporation organized under the laws of The Netherlands acting through its Swiss branch, having an office at 39 Chemin du Champ-des-Filles, 1228 Plan-les-Quates, Geneva, Switzerland ("Assignor"), does hereby sell, assign, transfer, and convey unto Sicronic Remote KG, LLC, a Delaware limited liability company, with an address at 1209 Orange Street, Wilmington, DE 19801 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

- (a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (o), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (f) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceedings brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for
  - (1) damages,
  - (2) injunctive relief, and
  - (3) any other remedies of any kind

for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Patent or

Application No.	Country	Filing Date
IN570/DEL/2001	IN	5/14/2001
6,624,771	US	5/14/2002
IN138/DEL/2001	IN	2/9/2001
EP02002800.7	EP	2/7/2002
6,642,743	US	2/7/2002
IN139/DEL/2001	M	2/9/2001
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IN729/DEL/2001	IN :	6/29/2001
EP02013243.7	EP	6/17/2002
6,748,577	US	6/28/2002
IN728/DEL/2001	IN	6/29/2001
DE60204189	DE	6/6/2002
GB1271782	GB	6/6/2002
FR1271782	FR	6/6/2002
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6,870,393	US	4/2/2003
IN693/DEL/2002	IN	6/27/2002
6,873,182	US	6/27/2003
IN431/DEL/2002	IN	4/5/2002
6,879,185	US	4/4/2003
IN656/DEL/2002	IN	6/17/2002
6,888,374	US	6/17/2003
IN1039/DEL/2002	IN	10/16/2002
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IN1230/DEL/2003	IN	10/1/2003
EP04104798.6	EP	9/30/2004
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Patent or Application No.	Country	Filing Date
7,206,919	US	12/13/2002
IN632/DEL/2003	IN	4/25/2003
EP04009701.6	EP	4/23/2004
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IN550/DEL/2002	IN	5/13/2002
DE60316068	DE	5/12/2003
FR1363132	FR	5/12/2003
GB1363132	GB	5/12/2003
IT1363132	m	5/12/2003
7,167,404	US	5/13/2003
IN1281/DEL/2002	IN	12/19/2002
EP03104727.7	EP	12/16/2003
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IN993/DEL/2002	IN	9/27/2002
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IN634/DEL/2002	IN	6/13/2002
IN1519/DEL/2003	IN	12/5/2003
11/005,247	US	12/6/2004
IN1639/DEL/2003	IN	12/9/2004
11/025,785	US	12/29/2004
IN1645/DEL/2003	IN	11/1/2004
11/027,292	US	12/30/2004
IN1385/DEL/2004	IN	7/27/2004
7,271,616	US	7/26/2005
IN1862/DEL/2004	IN	9/28/2004
11/238,123	US	9/28/2005
IN2111/DEL/2004	IN	10/27/2004
11/258,616	US	10/25/2005
IN2114/DEL/2004	IN	10/4/2005
11/261,420	US	10/27/2005

Patent or Application No.	Country	Filing Date
IN2154/DEL/2004	IN	10/24/2005
11/263,386	US	10/31/2005
IN2177/DEL/2004	IN	11/1/2004
11/264,674	US	11/1/2005
IN2439/DEL/2004	IN	12/6/2004
11/294,645	US	12/5/2005
IN2572/DEL/2004	IN	12/27/2004
11/318,347	US	12/23/2005
IN958/DEL/2002	IN	9/20/2002
EP03020154.5	EP	9/5/2003
10/667,199	US	9/18/2003
IN2595/DEL/2004	IN	12/19/2005
11/319,015	US	12/27/2005

IN

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

9/8/2004

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN W	TINESS WHER	EOF this	Assignment of Patent Rights is executed at Carrollton,	Texas
on	December 28,	2007		

### ASSIGNOR:

IN1695/DEL/2004

STMicroelectronics NV

By: Jua K. Jorgenson

Title: Vice President, Intellectual Property & Licensing

(Signature MUST be notarized)

STATE OF
On December 28, 2007, before me, Angle Rodriguez  Notary Public in and for said State, personally appeared Lisa K. Jorgenson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. Signature Angu Robigues (Seal)
ANGIE RODRIGUEZ Notary Publick, State of Toutas Noty Commission Englaces Noty 27, 2008

## ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, STMicroelectronics NV, a corporation organized under the laws of The Netherlands acting through its Swiss branch, having an office at 39 Chemin du Champ-des-Filles, 1228 Flan-les-Ouates, Geneva, Switzerland ("Assignor"), does hereby sell, assign, transfer, and convey unto Sicronic Remote KG, LLC, a Delaware limited liability company, with an address at 1209 Orange Street, Wilmington, DE 19801 ("Assignoe"), or its designoes, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "Certain Assest"):

Patent or Application No.	Country	Filing Date
EP1271782	EP	6/6/2002
EP1351065	EP	4/3/2002
EP1363132	EP	5/12/2003
11/487,952	US	7/17/2006

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 28thay of December 2007.

ASSIGNORS:

STMicroelectronics NV

By: Dasa

Name: Lisa W. Jorgenson (/ Title: Vice President, Intellectual Property & Licensing